

Degassing Procedure

Initial state: MV 12, 14, 24-31 closed, Degassing Vessel half full of un-degassed glycol, AC-3 and AC-4 empty and at atmosphere on air-side, chamber in safe (compressed) state with commissioning tool running.

1. Heat and pump on Degassing Vessel through MV-26, with organic vapor filter on output of pump.
2. Close MV-26
3. Open MV-24, watch sight-glass for any glycol movement
4. Open MV-26, watch sight-glass for any glycol movement
5. Pump out AC-3 through MV-28 to draw glycol out of Degassing Vessel, watching sight-glass to measure correct volume (4 gallons).
6. Close MV-28, MV-24, MV-26
7. Charge AC-4 to 260 psig through MV-31
8. Regulate AC-3 to 230 psig through MV-29
9. Lower HRam in cart until PRam is topped out and cart pressure is 230 psig. (You must enable scary button and either pressure- or position-control.)
10. Make sure both pressure- and position-control are disabled, turn off scary button
11. Open MV-12 (slowly – watch for pressure change, there should be very little)
12. Open MV-14 (slowly –some glycol may flow to fill the hydraulic hose)
13. Slowly bleed out MV-31 to fill AC4 from pressure vessel. Stop when pneumatic ram begins moving down (this means AC3 is empty, and pressure has dropped to normal pressurized state)
14. Close MV-12 and MV-14
15. Enable scary button and position control
16. Return PRam to proper position by moving HRam.
17. Disable position control and scary button
18. Remove compressed air from MV-29, bleed MV-29 until empty.
19. Bleed MV-31 till empty
20. Open MV-30
21. Open MV-25, MV-26.
22. Pump on Degassing Vessel through MV-26 to draw glycol from AC-4, check sight gauge (should return to initial glycol volume)
23. Close MV-25, MV-26, MV-30
24. Goto step #1